LAKEFIELD RESEARCH
A DIVISION OF FALCONBRIDGE LIMITED
P.O. Box 430, 185 Concession St., Lakefield, Ontario, Can. K0L 2H0
Phone: (705) 652-3341 Telex No. 06 962842

Final Report

Lab #6
85-9-9

CERTIFICATE OF ANALYSIS

CERTIFICATION OF Zn/Al ALLOYS

OSQ84-00210

FROM: Energy, Mines and Resources,
Canmet, Mineral Sciences Laboratory,
555 Booth Street,
Ottawa, Ontario K1A 0G1

Date: March 29, 1985
Received: Oct. 4, 1984
Our Reference No.: 8424803
Your Reference No.: 02SQ.23440-4-9155-6
Invoice No.: 20723

Samples submitted to us show results as follows:

% Aluminum

NZA-1	NZA-2	NZA-3	NZA-4	NZA-5	NZA-6	NZA-7
28.88	23.94	26.03	26.66	10.69	7.50	13.17
28.89	23.97	25.98	26.67	10.72	7.49	13.21
28.92	23.90	26.04	26.59	10.68	7.49	13.17
28.86	23.89	25.98	26.63	10.65	7.47	13.19
28.95	23.94	26.01	26.66	10.72	7.47	13.15

% Copper

1.499	2.987	2.017	2.480	1.038	3.183	0.203
1.508	2.991	2.031	2.489	1.026	3.179	0.202
1.511	2.980	2.026	2.510	1.038	3.180	0.208
1.498	3.000	2.022	2.495	1.034	3.172	0.211
1.502	2.979	2.028	2.496	1.038	3.215	0.212

% Magnesium

0.018	0.034	59*	0.011	0.023	2.5*	0.060
0.020	0.034	60*	0.011	0.023	2.1*	0.061
0.019	0.034	58*	0.010	0.023	2.3*	0.060
0.019	0.034	58*	0.011	0.022	2.4*	0.061
0.019	0.031	60*	0.011	0.023	2.3*	0.060

* mg/g

To: Mr. Steger (4)

SIGNED K W S Sarbutt
MANAGER
K.W. Sarbutt, Chief Project Engineer

NOTE: Rejects will be discarded after 6 months.

JUL 03 1985
MICROMEDIA

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% Iron

NZA-1	NZA-2	NZA-3	NZA-4	NZA-5	NZA-6	NZA-7
0.049	0.021	0.072	0.028	0.017	0.010	0.016
0.048	0.020	0.072	0.027	0.016	0.010	0.015
0.049	0.020	0.072	0.027	0.016	0.010	0.016
0.048	0.020	0.071	0.027	0.015	0.010	0.016
0.048	0.020	0.071	0.028	0.017	0.010	0.015

% Cadmium

8*	45*	62*	27*	93*	0.015	2.6*
9*	47*	64*	28*	94*	0.015	2.5*
8*	45*	63*	28*	92*	0.014	2.3*
8*	45*	62*	28*	93*	0.014	2.5*
8*	45*	63*	27*	92*	0.014	2.6*

% Lead

23*	80*	43*	109*	17*	0.085	57*
22*	75*	44*	102*	18*	0.084	54*
23*	76*	43*	103*	16*	0.084	53*
22*	78*	43*	100*	15*	0.084	53*
23*	75*	43*	98*	15*	0.085	54*

* mg/g

To: Mr. Steger (4)

SIGNED K.W. Sarbutt
MANAGER
K.W. Sarbutt, Chief Project Engineer

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Samples submitted to us show results as follows:

% Tin

NZA-1	NZA-2	NZA-3	NZA-4	NZA-5	NZA-6	NZA-7
69*	44*	28*	85*	2.4*	42*	0.013
77*	43*	23*	79*	2.3*	43*	0.014
74*	42*	26*	79*	2.4*	42*	0.013
78*	44*	26*	84*	2.4*	42*	0.014
75*	44*	26*	85*	2.8*	42*	0.014

* mg/g

To: Mr. Steger (2)

SIGNED K W Sarbutt
MANAGER
K.W. Sarbutt, Chief Project Engineer

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